

**REMARKS**

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated May 17, 2005 has been received and its contents carefully reviewed.

By this Response, claim 19 has been amended. No new matter has been added. Claims 19-21 are pending in the application. Reconsideration and withdrawal of the rejections in view of the above amendments and the following remarks are respectfully requested.

In the Office Action, claims 19 and 20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,894,136, issued to Wook (hereafter “Wook”) in view of U.S. Patent No. 6,043,511, issued to Kim (hereafter “Kim”). And, claim 21 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Wook and Kim in view of U.S. Patent No. 5,926,235, issued to Han et al. (hereafter “Han”). Applicants respectfully traverse the rejections because neither Wook, Kim nor Han, analyzed alone or in any combination, teaches or suggests the combined features recited in the claims of the present application. For example, Wook, Kim and Han fail to teach or suggest an array substrate for an active matrix type liquid crystal display (LCD) device “wherein an end portion of the semiconductor layer under the data line coincides to an end portion of the data line” as recited in amended independent claim 19 of the present application.

Applicants respectfully submit Wook discloses a LCD in which “the high concentration n-type amorphous silicon layer 8 and amorphous silicon layer 7 under the data line are formed wider than the data line” (see, column 4, lines 44-47). Neither Kim nor Han teach or suggest “an end portion of the semiconductor layer under the data line coincides to an end portion of the data line”. Thus, even if the teachings of Kim and Han were used to modify the device of Wook, the resulting device would fail to provide the combined features recited in independent claim 19 of the present application. Specifically, Wook, Kim and Han fail to teach “an end portion of the semiconductor layer under the data line coincides to an end portion of the data line” as recited in independent claim 19. Accordingly, claim 19 and its dependent claims 20-21 are allowable over any combination of Wook, Kim and Han. Reconsideration and withdrawal of the rejections are respectfully requested.

Response dated August 17, 2005

Reply to Office Action dated May 17, 2005

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited. If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: August 17, 2005

Respectfully submitted,

By Valerie P. Hayes  
Valerie P. Hayes  
Registration No.: 53,005  
MCKENNA LONG & ALDRIDGE LLP  
1900 K Street, N.W.  
Washington, DC 20006  
(202) 496-7500  
Attorneys for Applicant